

**REMARKS**

The Office Action has been received and reviewed. In light of the above amendments and following remarks, Applicant submits that the application is in condition for allowance, for which early action is requested.

Claims 46, 48-56, 58-67, and 69-80 are currently pending in the present application. Claims 22-31, 47, 57, and 68 are canceled.

Claims 22-28 and 30-31 were rejected under 35 USC § 103(a) as being unpatentable over Bradley (U.S. Patent No. 6,463,266) in view of Shohara (U.S. Patent No. 6,463,266). Claim 29 was rejected under 35 USC § 103(a) as being unpatentable over Bradley in view of Shohara, further in view of Müller (U.S. Patent No. 6,845,238). These claims have been canceled and therefore their rejections are moot.

Claims 46-77, 79, and 80 were rejected under 35 USC § 103(a) as being unpatentable over Müller in view of Shohara and Jetzek et al. (U.S. Patent No. 6,546,252). Claim 78 was rejected under 35 USC § 103(a) as being unpatentable over Müller in view of Shohara, Jetzek and Vihriala (U.S. Patent No. 6,956,895).

The present claims recite “wherein the frequency estimation information comprises a frequency offset.” The Examiner concedes that Muller does not meet this limitation and instead relies upon Jetzek. (Office Action page 5) The Examiner contends Jetzek discloses wherein the frequency estimation information comprises a frequency offset at col. 6, lines 24-31) However, Jetzek actually discloses an offset of the transmission quality (as measured in dB). (Col. 6, lines 29-43) Jetzek does not disclose a frequency offset (as measured in Hz) as recited in the present claims.

Accordingly, for at least this reason, Müller, Shohara, Jetzek and Vihriala fail to obviate the present invention and the rejected claims should be allowed.

**CONCLUSION**

In light of the amendments contained herein, Applicants submit that the application is now in condition for allowance, for which early action is requested.

Please charge any fees or overpayments that may be due with this response to Deposit Account No. 17-0026.

Respectfully submitted,

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